

Network PTZ

# XNP-8250R

6MP 25x IR PTZ Camera

## Key Features

- Max. 6MP resolution
- 5~125mm (25x) optical zoom (digital 32x, total 800x zoom)
- Max. IR viewable length 200m (Wise IR)
- Day & Night (ICR), extreme WDR (120dB), DIS (Built-in gyro sensor)
- Intelligent Analytics, Object auto tracking (Person/Vehicle), Target lock tracking
- H.264, H.265, MJPEG codec, WiseStreamII
- IP66, IK10, NEMA4X, NEMA-TS 2 (2.2.8, 2.2.9)
- PTZ PLUS Design applied (Compact, Lighter, Simple cabling)
- SFP-supported by injector

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# XNP-8250R

6MP 25x IR PTZ Camera



## Specifications

### 映像

| | | |
|---|---|---|
| Imaging Device | サイズ | 1/2.8" |
| | タイプ | CMOS |
| 解像度 | | 3328x1872, 3072x1728, 2688x1520, 2592x1944, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264 | 30fps/25fps(60Hz/50Hz) |
| | MJPEG | 30fps(@6MP Max. 5fps) |
| Min. Illumination (Lux) | Color(1/30sec, 30IRE) | 0.1 |
| | BW(1/30sec, 30IRE) | 0.01 |

### レンズ

| | | |
|---|---|---|
| Focal Length (mm) | | 5~125 |
| Zoom Ratio | Optical | 25x |
| | Digital | 32x |
| Max Aperture Ratio (F number) | Wide | 1.6 |
| | Tele | 3.73 |
| 視野角度 | Horizontal | 57.42°~2.71° |
| | Vertical | 33.54°~1.55° |
| Min. Object Distance | | 5m(16.4ft) |
| Focus Control | | Oneshot AF, フォーカス保存 |
| Lens Type | | DC auto iris |

### Pan / Tilt / Rotate

| | | |
|---|---|---|
| Pan / Tilt / Rotate Range | Pan | 360° Endless |
| | Tilt | 90°~-20° |
| Pan Speed | プリセット | Max. 700°/sec |
| | 手動 | 0.024°/sec~250°/sec |
| Tilt Speed | プリセット | Max. 500°/sec |
| | 手動 | 0.024°/sec~250°/sec |
| シーケンス | | Preset(300ea), スイング, Group(6ea), 追跡, ツアー, オートラン, スケジュール |

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## Pan / Tilt / Rotate

| | |
|---|---|
| Preset Accuracy | Up to ±0.1°, Pan/Tilt correction |

## 技能

| | | |
|---|---|---|
| 方向インジケーター | | サポート |
| Day & Night | | Auto(ICR) |
| Backlight Compensation | | BLC, HLC , WDR, SSDR |
| Wide Dynamic Range (dB) | | 120 |
| Digital Noise Reduction | | SSNR V |
| Digital Image Stabilization | | Support(built-in gyro sensor) |
| 曇り除去 | | サポート |
| モーション検知 | Quantity | 8ea |
| | Shape | 8point Polygonal zones |
| Privacy Masking | Quantity | 32ea |
| | Shape | 4point Quadrangle zones |
| | Color / Option | 灰色, 緑, Red, 青, 黒, 白, モザイク |
| ゲイン制御 | | 低, 中, 高 |
| ホワイトバランス | | ATW, AWC, 手動, 室内, 屋外 |
| Electronic Shutter | モード | 最小, 最大, アンチフリッカー |
| | Speed Range | 2~1/12,000sec |
| ビデオ回転 | | Flip&Mirror |
| Alarm Interface | その他 | Support alarm I/O via optional I/O box |
| Alarm Triggers | | 分析, ネットワーク切断, アラーム入力 |
| Alarm Events When Alarm Trigger Occurred | | File upload(image): e-mail/FTP/SFTP,<br>File upload(video clip): FTP/SFTP,<br>Notification: e-mail,<br>Recording: SD/SDHC/SDXC or NAS recording at event triggers,アラーム出力,<br>Handover: PTZ preset,send message by HTTP/HTTPS/TCP,Audio clip playback,<br>MQTT: publication |
| オーディオ入力 | | オプションの I/O ボックスでサポート |
| オーディオ出力 | | オプションの I/O ボックスでサポート |
| Light Type | | IR LED |
| Light Viewable Length | IR | Wise IR 200m(656.17ft) |
| IR Wavelength | | 850nm |
| Water Removal | | Support(Spin Dry, Lens heater) |
| 自動トラッキング | | Object auto tracking(Person/Vehicle), Target lock tracking |

## 分析

| | | |
|---|---|---|
| 分析イベント | 通常 | モーション検知, タンパリング, フォグ検出, 顔検出, 音声検出, サウンド分類, 衝撃検知, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) |

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## ネットワーク

| | | |
|---|---|---|
| Ethernet | | Metal shielded RJ-45(10/100BASE-T) |
| 映像圧縮 | | H.265/H.264: Main/Baseline/High, MJPEG |
| Smart codec | | 手動, WiseStream II |
| ビットレートコントロール | | H.265/H.264: CBR or VBR,<br>MJPEG: VBR |
| Streaming | Unicast | 最大 20ユーザー |
| | マルチキャスト | サポート |
| | Multiple Streaming | 最大 10プロファイル |
| プロトコル | | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT, NTCIP 1205 |
| Application Programming Interface | ONVIF | s, G, T |
| | その他 | SUNAPI(HTTP API), Hanwha Vision Open Platform |
| Direct Cloud Connection | | サポート |

## セキュリティ

| | |
|---|---|
| OS / Firmware Protect | Encrypted firmware, Secure boot, Signed firmware |
| ユーザー認証 | ダイジェスト認証, Prevent brute-force attack |
| Network authentication | IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2) |
| Secure Communication | HTTPS, WSS(WebSocket Secure), SRTP |
| Access Control | IP-based access control |
| Data Protect | Encryption credentials, Encrypt compress for live recording file export |
| Audit | Access / System / Event Log management |
| デバイスID | Device certificate(Hanwha Vision Root CA) |
| Secure Storage | HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256) |
| Security Certificate | CyberSecurity assuarance program UL CAP(UL 2900-2-3 L2) |

## 一般

| | | |
|---|---|---|
| メモリ | RAM | 4GB |
| | フラッシュ | 512MB |
| Edge Storage | Micro SD/SDHC/SDXC | Max. 512GB x 2slot(Total 1TB) |

## Environmental & Electrical

| | | |
|---|---|---|
| 動作条件 | 温度 | -40°C~+55°C(-40°F~+131°F) |
| | 湿度 | 0~100% RH(condensing) |
| | その他 | +74°C(+165°F)(Max) based on NEMA-TS 2(2.2.7), Start up should be done at above -30°C, Humidity control with AIR vent |
| 保管条件 | 温度 | -50°C~+60°C(-58°F~+140°F) |
| | 湿度 | 0~90% RH(non-condensing) |
| EPA(Effective Projected Area) | | 0.035㎡ |

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## Environmental & Electrical

| | | |
|---|---|---|
| Input Voltage | | PoE++(IEEE802.3bt type3, Class6) |
| 消費電力 | PoE | Max. 40W, Typical 20W |

## Mechanical

| | |
|---|---|
| カラー | 白, 黒 |
| 材料 | アルミニウム, PC(Polycarbonate) |
| RAL Code | RAL9003, RAL9005 |
| Product Dimensions | ø158x293.3mm(6.22x11.55") |
| Product Weight | 3,200g(7.05lb) |

## DORI (EN62676-4 standard)

| | | |
|---|---|---|
| Detect (25PPM/ 8PPF) | Wide | 121.5m(398.7ft) |
| | Tele | 2813.9m(9232.1ft) |
| Observe (63PPM/ 19PPF) | Wide | 48.6m(159.5ft) |
| | Tele | 1125.6m(3692.8ft) |
| Recognize (125PPM/ 38PPF) | Wide | 24.3m(79.7ft) |
| | Tele | 562.8m(1846.4ft) |
| Identify (250PPM/ 76PPF) | Wide | 12.2m(39.9ft) |
| | Tele | 281.4m(923.2ft) |

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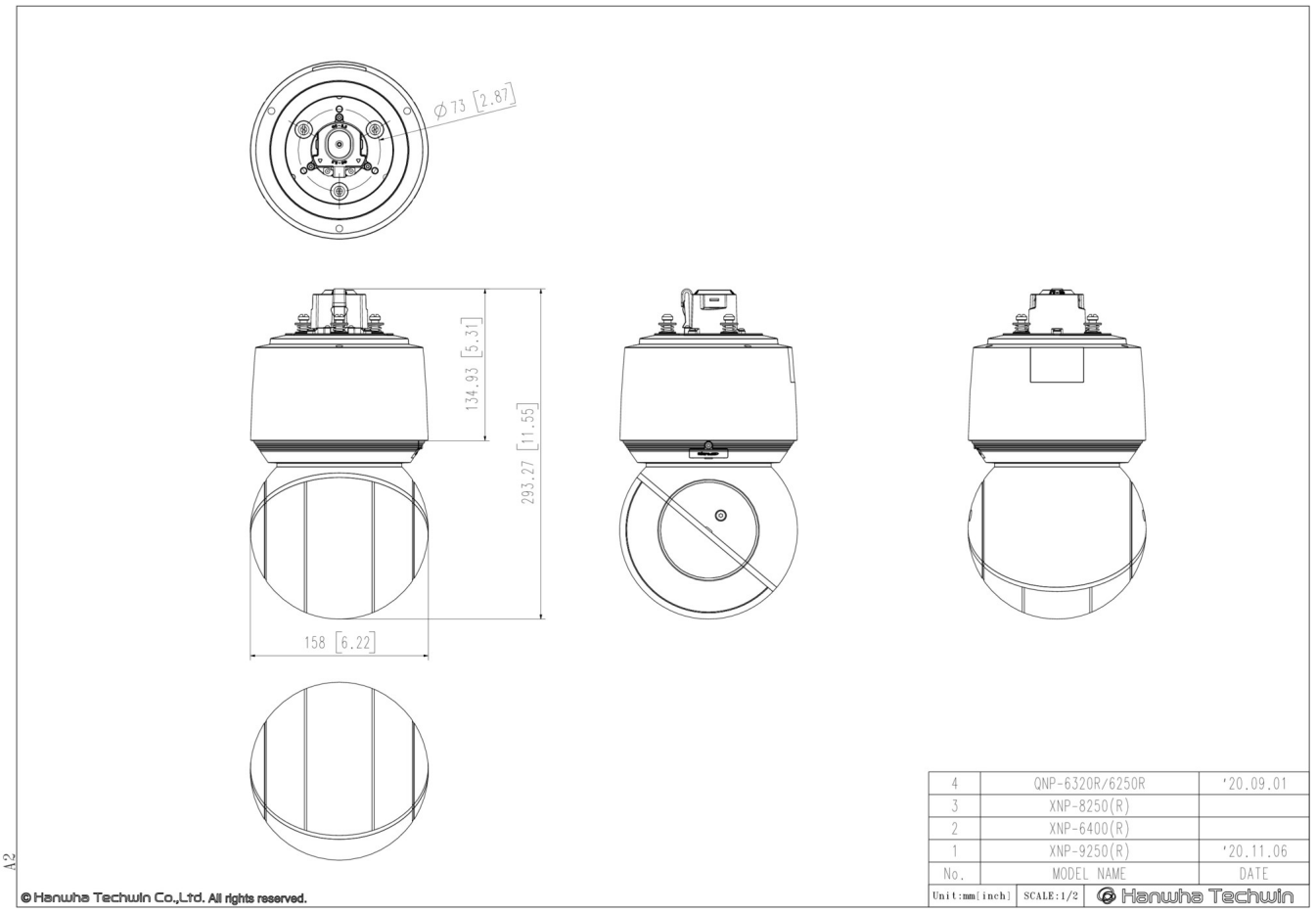
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## CAD

**Unit:** mm [inch]




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## Compatible Devices


SBP-300LMW


SBP-156HMW


SBP-300WMW1


SPM-4210


SBP-156LMW


SBP-300KMW


SBP-300BW


SBP-300PMW


SPB-PTZ85W


SBP-156WMW


SBP-300WMW


SBP-156KMW


SBP-156CMW


SBP-300CMW

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